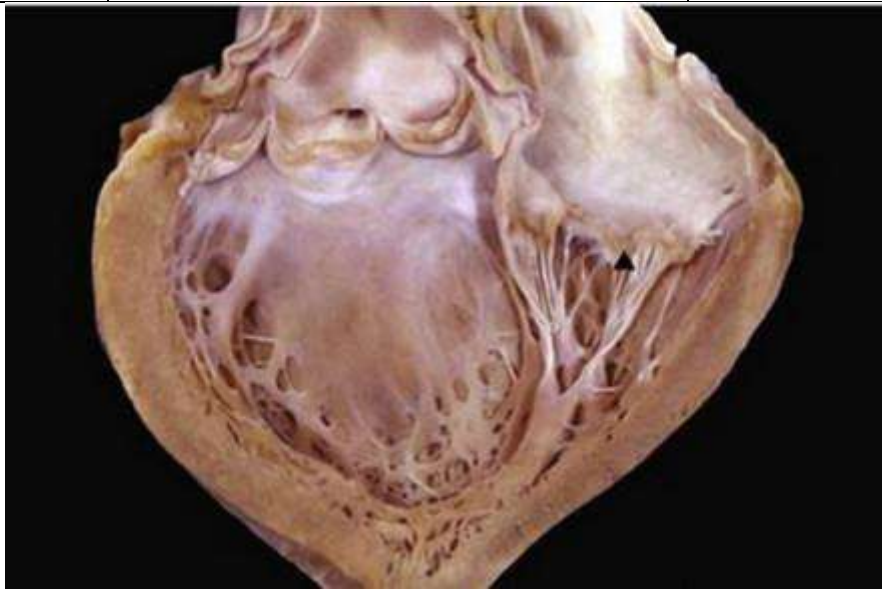


XV. Diseases of the Cardiovascular System

<i>Papillary muscles</i>	<ul style="list-style-type: none"> • Scarred apices 		
<i>Mitral valve</i>	<ul style="list-style-type: none"> • Cusps: <ul style="list-style-type: none"> • Thickened • Distorted • Opaque • Somewhat torn • Show vegetations 		
<i>Vegetations</i>	<ul style="list-style-type: none"> • Large • Bulky • Friable • Opaque in parts • Dark yellowish-red (in most parts) • Proliferative 		

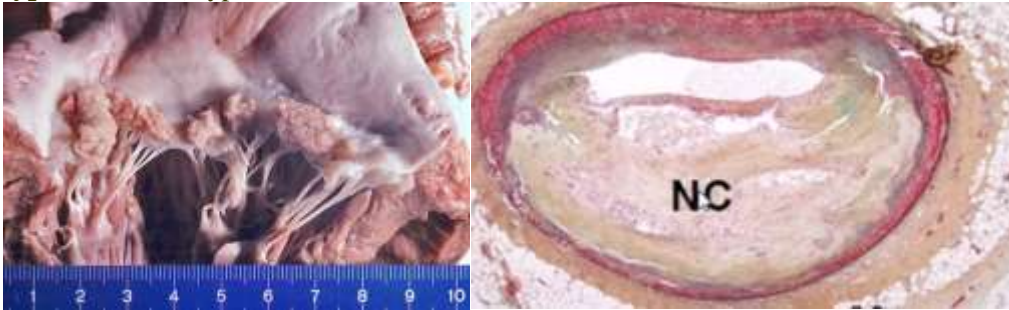


N.B. :

Classification of endocarditis:

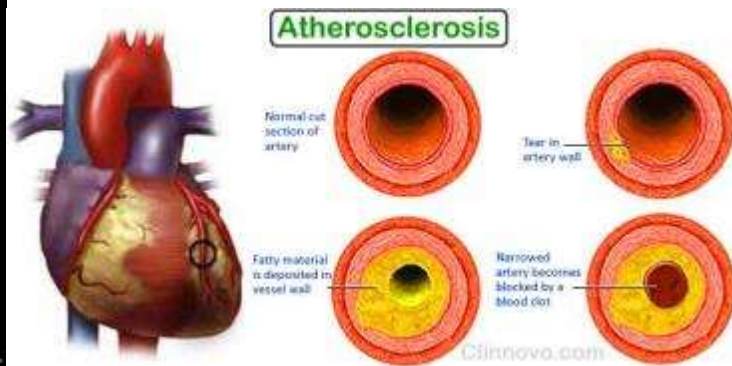
1. **Rheumatic disease and allied conditions**
(such as other collagen diseases and = Panda **endocarditis**).
2. **Bacterial which may be**
 - (A) **Acute (ulcerative or malignant) caused by streptococcus haemolyticus, pneumococci or staphylococci.**
 - (B) **Subacute (endocarditis lenta) caused by streptococcus viridans.**
3. **Tuberculous endocarditis.**
4. **Syphilitic endocarditis.**
5. **Gonorrhoeal infection.**
6. **Degenerative or senile endocarditis.**
7. **Foetal endocarditis.**
8. **Indetermined forms which include**

- **Terminal endocarditis** (diabetes, gout, nephritis, neoplasms, Grave's disease) and
- **Atypical forms** (atypical verrucous endocarditis).



Atheroma I-5.123

Heart	About normal in size		
Coronary arteries	Tortuous Show elevated patches		
Patches	<ul style="list-style-type: none"> • Flat (some) • Nodular (some) • Oval (or rounded) • Small in size (some) • Moderately large (few) • Pale yellow (majority) • Yellowish-white (few) 		
Aorta	Shows yellow atheromatous patches		



NB:

Common sites for intimal thickening, degeneration and atheromatous patches are:

1. Aorta and large elastic arteries.
2. Coronary arteries and their branches.
3. Cerebral vessels especially at the base of the brain.
4. Renal arteries and their branches.
5. Pulmonary arteries.
6. Medium-sized arteries of the extremities.

Classification of diseases of blood vessels:

I - Diseases of arteries

1. Inflammatory:

- (a) Non-specific (acute and sub-acute).
- (b) Specific (tuberculosis; syphilis; Bilharziasis).
- (c) Unknown etiology (temporal arteritis).